

Title (en)

MEDICAMENT CONTAINER AND METHOD FOR PRODUCING SAME

Title (de)

ARZNEIMITTELBEHÄLTER UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

CONTENANT DE MÉDICAMENT ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 3400173 A1 20181114 (EN)

Application

EP 17700073 A 20170105

Priority

- EP 16150289 A 20160106
- EP 2017050176 W 20170105

Abstract (en)

[origin: WO2017118681A1] The present disclosure relates to a method for producing, filling and sealing a medicament container (2'), the method comprising a blow-fill seal process comprising: a molding step, in which a parison (2) is inflated within a mold (1) to form the medicament container (2'), a filling step, in which a medicament (M) is filled into the medicament container (2'), and a sealing step, in which a distal end of a neck (2.2') of the medicament container (2') is sealed, wherein the mold (1) is dimensioned such that the neck (2.2') is formed with an internal radius small enough to allow for a capillary effect of the medicament (M) so that an air bubble remaining in the neck (2.2') after the filling step and the sealing step is fixed within the neck (2.2') by capillary forces. The present disclosure also relates to a medicament container (2') produced by said method.

IPC 8 full level

B65B 3/00 (2006.01); **A61J 1/05** (2006.01); **B65B 3/02** (2006.01); **B65D 1/02** (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP US)

A61J 1/05 (2013.01 - EP US); **B65B 3/003** (2013.01 - EP US); **B65B 3/022** (2013.01 - EP US); **B65D 1/023** (2013.01 - EP US);
B67C 2003/227 (2013.01 - EP US)

Citation (search report)

See references of WO 2017118681A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017118681 A1 20170713; CN 108430877 A 20180821; CN 108430877 B 20200221; DE 202017007347 U1 20201119;
DK 3400173 T3 20200309; EP 3400173 A1 20181114; EP 3400173 B1 20191211; HK 1256028 A1 20190913; JP 2019502608 A 20190131;
JP 6920308 B2 20210818; TW 201733558 A 20171001; US 11136148 B2 20211005; US 2019002135 A1 20190103;
US 2021380285 A1 20211209

DOCDB simple family (application)

EP 2017050176 W 20170105; CN 201780005709 A 20170105; DE 202017007347 U 20170105; DK 17700073 T 20170105;
EP 17700073 A 20170105; HK 18115078 A 20181126; JP 2018535091 A 20170105; TW 106100103 A 20170104;
US 201716067760 A 20170105; US 202117410460 A 20210824